

Converting Colors

$Yxy(63.3982, 0.3562, 0.3602)$

Have a look what the booklet for
Yxy(63.3982, 0.3562, 0.3602)
contains.

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Color

Yxy(63.4761, 0.3559, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	E8CCB0
RGB	232, 204, 176
RGB Percent	91%, 80%, 69%
CMY	0.0901, 0.2000, 0.3097
CMYK	0.00, 0.12, 0.24, 0.09
HSL	30°, 55%, 80%
HSV	30°, 24%, 91%
XYZ	62.7183, 63.4761, 50.0302
YIQ	209.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

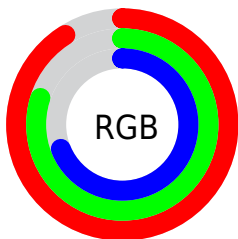
Format	Color
R _Y B	232, 232, 176
Decimal	15256752
CIE Lab	83.69, 5.59, 17.55
CIE LCh	84, 18.421, 72.328
Yxy	63.4761, 0.3559, 0.3602
Android (android.graphics.Color)	4293446832 (0xFFE8CCB0)
YUV	209.1800, -16.3577, 20.0131
Hunter-Lab	79.6719, 1.0908, 18.5390

Details

The Yxy color $63.4761, 0.3559, 0.3602$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $58.2777, 0.2744, 0.2956$, and the grayscale version is $63.9851, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6062, 0.3262, 0.3513$, and $32.4729, 0.3674, 0.3683$ is the 20% darker color. If you saturate the color by 10%, you get $57.3196, 0.3780, 0.3738$, and if you desaturate by 10%, it is $70.2073, 0.3363, 0.3468$.

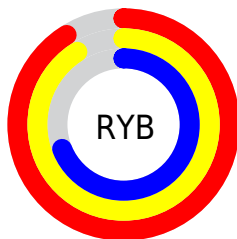
Distribution



Red (91%)

Green (80%)

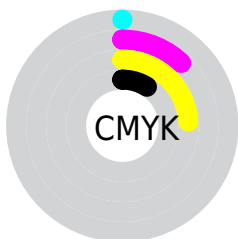
Blue (69%)



Red (91%)

Yellow (91%)

Blue (69%)

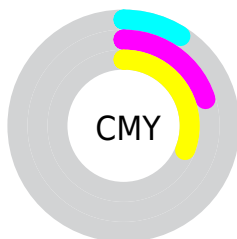


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (9%)



Cyan (9%)

Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4761, 0.3559, 0.3602 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 63.4761, 0.3559, 0.3602 by changing the saturation by 10% instead.


 63.4761, 0.3559,
0.3602

 63.4761, 0.3559,
0.3602


437.2953, 0.3353,
0.3457

 46.2265, 0.3607,
0.3635


 109.8561, 0.3487,
0.3552

 32.4246, 0.3668,
0.3676


139.7552, 0.3459,
0.3532

 21.6860, 0.3745,
0.3728


174.6397, 0.3435,
0.3515

 13.6264, 0.3847,
0.3795

214.8939, 0.3414,
0.3500

 7.8613, 0.3989,
0.3885

260.9021, 0.3396,
0.3487

 4.0063, 0.4197,
0.4009

313.0488, 0.3380,

 1.6771, 0.4632,

0.3476

0.4286

371.7184, 0.3366,
0.3466

0.4088, 0.5623,
0.4377

0.0000, 0.0000,
0.0000

63.4761, 0.3559,
0.3602

63.4761, 0.3559,
0.3602

57.3196, 0.3780,
0.3738

70.2073, 0.3363,
0.3468

51.7122, 0.4024,
0.3870

77.5207, 0.3192,
0.3341

46.6390, 0.4289,
0.3991

85.4344, 0.3042,
0.3221

42.0808, 0.4566,
0.4087

93.0397, 0.2988,
0.3245

■ 38.0168, 0.4841,
0.4147

■ 95.9020, 0.2988,
0.3290

■ 34.4242, 0.5097,
0.4159

■ 31.2769, 0.5317,
0.4116

■ 29.6216, 0.5430,
0.4070

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.4761, 0.3582, 0.3432



63.4761, 0.3559, 0.3602



63.4761, 0.3417, 0.3696

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4761, 0.3559, 0.3602



63.4761, 0.2785, 0.3332



63.4761, 0.3041, 0.2938

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.4761, 0.3559, 0.3602



58.2777, 0.2744, 0.2956

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.4761, 0.2836, 0.2903



63.4761, 0.3559, 0.3602



63.4761, 0.2693, 0.3120

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.4761, 0.3559, 0.3602



63.4761, 0.2969, 0.3540



63.4761, 0.2711, 0.2966



63.4761, 0.3277, 0.3058

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.4761, 0.3559, 0.3602



63.4761, 0.3277, 0.3696



63.4761, 0.2711, 0.2966



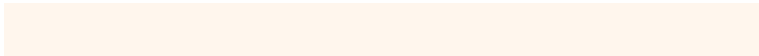
63.4761, 0.2966, 0.2916

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.4790, 0.3559, 0.3602



93.3332, 0.3239, 0.3377



52.6264, 0.3377, 0.2970



19.8578, 0.3249, 0.3385



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4790, 0.3559, 0.3602



74.7286, 0.3666, 0.3670



77.5072, 0.3494, 0.3883



15.5510, 0.3280, 0.3408



16.6909, 0.5405, 0.4090



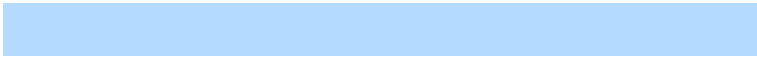
1.4192, 0.5181, 0.4268

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.2777, 0.2744, 0.2956



67.2311, 0.2661, 0.2876



46.4866, 0.2715, 0.2619



15.0735, 0.2981, 0.3170



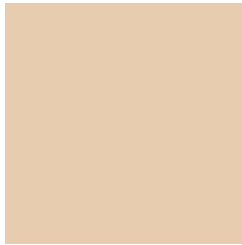
10.4407, 0.1773, 0.1584



0.9573, 0.1847, 0.1848

Previews

White Background



This preview shows how the Yxy color 63.4761, 0.3559, 0.3602 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 63.4761, 0.3559, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

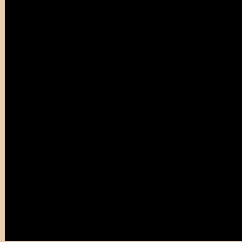
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4761, 0.3559, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 63.4761, 0.3559, 0.3602.



This preview shows how white text looks on a background with the Yxy color 63.4761, 0.3559, 0.3602.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.4761, 0.3559, 0.3602

Protanopia

63.3862, 0.3429, 0.3635

Deuteranopia

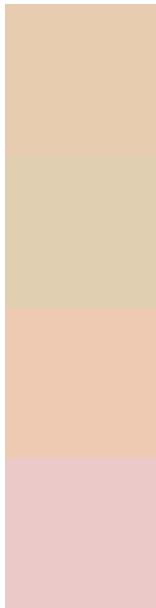
63.4729, 0.3625, 0.3553



Tritanopia

63.7064, 0.3315, 0.3130

Trichromacy



Original Color

63.4761, 0.3559, 0.3602

Protanomaly

63.6473, 0.3479, 0.3631

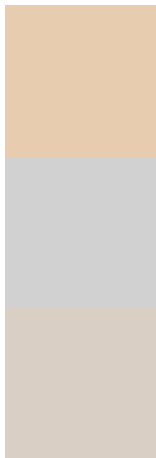
Deuteranomaly

63.4199, 0.3597, 0.3566

Tritanomaly

63.6056, 0.3404, 0.3302

Monochromacy



Original Color

63.4761, 0.3559, 0.3602

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4086, 0.3275, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4761, 0.3559, 0.3602 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 204, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 204, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 176) }
```

Border

The CSS property to change the border of an element to Yxy 63.4761, 0.3559, 0.3602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 204, 176) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 204, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 204, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4761, 0.3559, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
204, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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